

DART SERVICE BULLETIN SB08-2

AFFECTING:

D044-715-011 (CHG 001) AND D022-716-011 (CHG 001)

REF. CANADIAN STC: SH04-17 / SH04-12

REF. FAA STC: SR01937NY / SR01915NY

REF. EASA STC: IM.R.S.01253 / IM.R.S.01254

Dart Aerospace Ltd. has received information that indicates that under certain circumstances on **D044-715-011** and **D022-716-011** Cargo Mirror Installations at **CHANGE 001**, the D2010-104 Arm may crack during flight, causing the D2011-101 mirror to separate from the assembly and depart the aircraft in flight.

The following must be conducted **WITHIN THE NEXT 10 FLIGHT HOURS**. If aircraft and/or kit ownership has changed since purchase, please forward this bulletin to new owner **IMMEDIATELY**.

- 1) Remove the existing D2010-104 Arm by unfastening AN526C1032R10 screws and D3014-1 Locknut as shown in Figure 1. **DESTROY REMOVED D2010-104 Arm.** Please sign, complete, and return **PARTS DISPOSITION AGREEMENT** to Dart Aerospace Ltd. by fax **613-632-5246** or by e-mail **heli@dartaero.com**. See page 2 of this Service Bulletin.
- 2) Improved D2010-104 Arms are available from Dart Aerospace Ltd. **AT NO CHARGE**. Contact **Dart Aerospace Ltd. 613-632-5200** (after hours **613-676-0992**) or by e-mail **heli@dartaero.com** referencing this Service Bulletin.
- 3) On R22 aircraft, install improved D2010-104 Arm to D3244-041 Bracket using D1048 Clamp, D1049 Saddle, and AN526C1032R10 Screws as shown in Figure 1 below (or refer to Figure 2 of IIN-D022-716 and Figure 32-1 of ICA-D022-716).
- 4) On R44 aircraft, install improved D2010-104 Arm to D3243-041 Bracket using D1048 Clamp, D1049 Saddle, and AN526C1032R10 Screws as shown in Figure 1 below (or refer to Figure 2 of IIN-D044-715 and Figure 32-1 of ICA-D044-715).
- 5) Install D2011-101 Mirror to replacement D2010-104 Arm using D3014-1 Locknut as shown in Figure 1 below (or refer to Figure 2 of IIN-D044-715 / IIN-D022-716 and Figure 32-1 of ICA-D044-715 / ICA-D022-716).

Dart Aerospace Ltd. regrets any inconvenience this may cause.

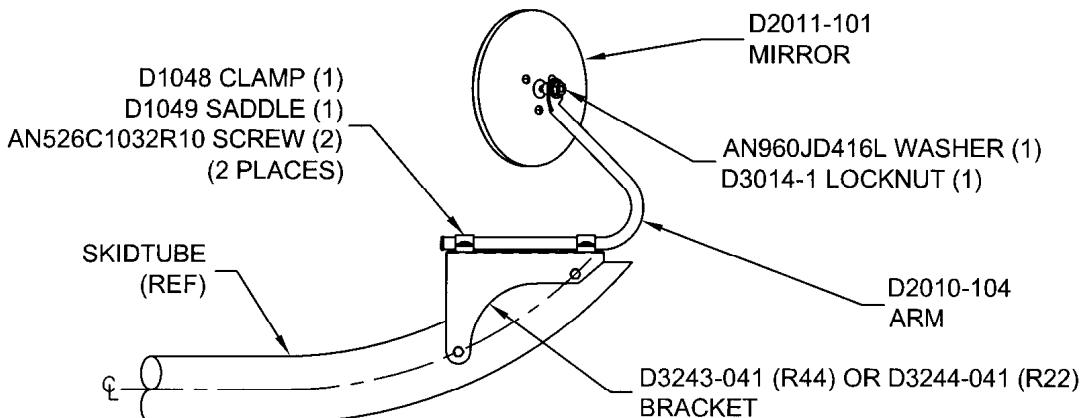


FIGURE 1 - D2010-104 ARM REPLACEMENT

A	NEW ISSUE	PH	08.06.10
REV.	DESCRIPTION	BY	DATE
DESIGN	<i>RS</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>ED</i>		
CHECKED	<i>IP</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	SB08-2	SHEET 1 OF 2
APPROVED	<i>AP</i>	TITLE	SCALE
DE APPR.	<i>AP</i>	SERVICE BULLETIN	NTS
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PART DISPOSITION AGREEMENT

Date: _____

NCR/PAR/CSR: NCR08-044

ECN # : _____

RA # : _____

Company Name: _____
 Customer Code: _____
 Telephone # : _____
 Fax # : _____
 Contact Name: _____

<u>Qty</u>	<u>Part Number</u>	<u>Description</u>	<u>Batch Number</u>

Destroy

As an authorized quality assurance representative of the above company, I the undersigned agree to destroy all the above listed parts. These parts will be cut in half or otherwise rendered unserviceable for further use. I understand that any pending replacement/credit is dependant upon this prior agreement.

Signature: _____
 (Print name): _____
 Title: _____

Date: _____

Return

I the undersigned agree that all the above listed parts will be returned per return authorization instructions. I understand that any pending credit is dependant upon receipt and inspection of these returned parts.

Signature: _____
 (Print name): _____
 Title: _____

Date: _____

DESIGN	<i>PH</i>	DART AEROSPACE LTD	
DRAWN	<i>PH</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>CP</i>	DRAWING NO.	
MFG. APPR.	<i>N/A</i>	REV. A	
APPROVED	<i>LP</i>	SHEET 2 OF 2	
DE APPR.	<i>JK</i>	TITLE	
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		SERVICE BULLETIN	
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